

## ABSTRACT

A BOM sorting system and method for sorting original BOMs is provided. The system comprises a database server (130), an original BOM file (1320), a part specification file (1340) and a BOM sorting module (1020), wherein the database server connects a plurality of designing computers (100) and a plurality of manufacturing computers (110). The original BOM file comprises a product name and information on parts for the product. The part specification file comprises assembly methods of the parts. The BOM sorting module is used for accessing the original BOM file and the part specification file, for sorting parts in the original BOM file, and for generating a plurality of sub-files, and for integrating the sub-files into an executable BOM file (1330). The method comprises the steps of: (a) accessing an original BOM file; (b) accessing a part specification file; (c) sorting parts in the original BOM file according to the part specification file; (d) generating a plurality of sub-files; and (e) integrating the sub-files into an executable BOM file.